

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An exhaust gas purifying device for a four-cycle engine having a secondary air supply passage for supplying secondary air to an exhaust port and a valve for opening and closing the secondary air supply passage with exhaust pulsations, comprising:

a longitudinal axis of said exhaust port is disposed parallel to a longitudinal axis of a camshaft as viewed in a plan view of the engine,

wherein said exhaust port is formed within a cylinder head, said camshaft is disposed on a side of said exhaust port and supported by said cylinder head, said valve is disposed on another side of said exhaust port, ~~and a water jacket is disposed between the camshaft and the exhaust port, and~~

wherein the secondary air supply passage includes a substantially vertical hole and a substantially horizontal hole disposed in a cylinder block and said cylinder head for communicating with the exhaust port,

wherein said cylinder head is mounted on said cylinder block and said substantially vertical hole and the substantially horizontal hole disposed in the cylinder block and the cylinder head are in communication with each other and with the exhaust port,

wherein said engine includes a crankshaft, a longitudinal axis of the crankshaft being disposed on a front to rear direction, said cylinder block and said cylinder head are inclined toward a left side of the crankshaft, and said valve is disposed on a left surface of the cylinder head, and

wherein said ~~valve is~~ valve disposed ~~on either a left or right side of the engine~~ on the left

surface of the cylinder head ~~which~~ is perpendicular to said camshaft and that is different than a front surface of the engine where the exhaust port is open so as to be free from interference with a camshaft actuating device.

2. (Previously Presented) The exhaust gas purifying device according to claim 1, wherein a pipe for supplying the secondary air extends substantially horizontally from the valve and is connected to an air cleaner disposed behind the engine.

3-5. (Canceled).

6. (Currently Amended) The exhaust gas purifying device according to claim 51, ~~and~~ further including a secondary air supply conduit operatively connected to an air cleaner and said substantially vertical hole and the substantially horizontal hole disposed in the cylinder block and the cylinder head for communicating air to the exhaust port.

7. (Currently Amended) The exhaust gas purifying device according to claim 51, wherein said valve is a reed valve operatively positioned relative to the substantially vertical hole and a substantially horizontal hole disposed in the cylinder block and the cylinder head for selectively permitting communication between the secondary air supply conduit and the exhaust port.

8. (Original) The exhaust gas purifying device according to claim 7, wherein said reed valve is disposed relative to the substantially horizontal hole disposed in the cylinder block.

9. (Currently Amended) An exhaust gas purifying device for a four-cycle engine comprising:

an exhaust port;

a secondary air supply passage for supplying secondary air to the exhaust port; and

a valve for selectively opening and closing the secondary air supply passage in response to exhaust pulsations;

wherein a longitudinal axis of said exhaust port is disposed parallel to a longitudinal axis of a camshaft as viewed in a plan view of the engine;

wherein said exhaust port is formed within a cylinder head, said camshaft is disposed on a side of said exhaust port and supported by said cylinder head, said valve is disposed on another side of said exhaust port, ~~and a water jacket is disposed between the camshaft and the exhaust port, and~~

wherein the secondary air supply passage includes a substantially vertical hole and a substantially horizontal hole disposed in a cylinder block and said cylinder head for communicating with the exhaust port,

wherein said cylinder head is mounted on said cylinder block and said substantially vertical hole and the substantially horizontal hole disposed in the cylinder block and the cylinder head are in communication with each other and with the exhaust port,

wherein said engine includes a crankshaft, a longitudinal axis of the crankshaft being disposed on a front to rear direction, said cylinder block and said cylinder head are inclined toward a left side of the crankshaft, and said valve is disposed on a left surface of the cylinder head, and

wherein said ~~valve is~~valve disposed on ~~a side of the engine~~the left surface of the cylinder head ~~which is~~ perpendicular to said camshaft and is disposed on either a left or right side of the engine that is different than a front surface of the engine where the exhaust port is open so as to be free from interference with a camshaft actuating device.

10. (Previously Presented) The exhaust gas purifying device according to claim 9, wherein a pipe for supplying the secondary air extends substantially horizontally from the valve and is connected to an air cleaner disposed behind the engine.

11-13. (Canceled).

14. (Currently Amended) The exhaust gas purifying device according to claim ~~139~~, and further including a secondary air supply conduit operatively connected to an air cleaner and said substantially vertical hole and the substantially horizontal hole disposed in the cylinder block and the cylinder head for communicating air to the exhaust port.

15. (Currently Amended) The exhaust gas purifying device according to claim ~~139~~, wherein said valve is a reed valve operatively positioned relative to the substantially vertical hole

and a substantially horizontal hole disposed in the cylinder block and the cylinder head for selectively permitting communication between the secondary air supply conduit and the exhaust port.

16. (Original) The exhaust gas purifying device according to claim 15, wherein said reed valve is disposed relative to the substantially horizontal hole disposed in the cylinder block.

17-18. (Canceled).

19. (Previously Presented) The exhaust gas purifying device according to claim 1, wherein a thermostat housing is disposed on the front surface of the cylinder head and the exhaust port is open on the front surface of the cylinder head.

20. (Previously Presented) The exhaust gas purifying device according to claim 9, wherein a thermostat housing is disposed on the front surface of the cylinder head and the exhaust port is open on the front surface of the cylinder head.